

**Amendment to the Specification.** Please replace the Abstract with the following edited version. A copy showing deletions and additions is shown immediately below the clean copy.

**Abstract**

An irradiation chamber has a rigid first plate with a raised boundary surrounding raised partitions and a rigid second plate with a raised boundary surrounding raised partitions so that the two plates form a chamber defined by the raised boundary and the chamber has a first port and a second port with channels formed by the partition. There is also a method of using the irradiation chamber in the treatment of cells.

**Abstract**

~~The present invention provides an~~ An irradiation chamber ~~comprising:~~ has a rigid first plate ~~having a first surface and a second surface having~~ with a raised boundary surrounding ~~a plurality of raised partitions;~~ and a rigid second plate ~~having a first surface and a second surface having~~ with a raised boundary surrounding ~~a plurality of raised partitions~~ so that the two plates; ~~wherein the second surface of said rigid first plate is contacted with second surface of said rigid second plate thereby forming~~ form a chamber; ~~said chamber,~~ defined by the raised boundary ~~surrounding the plurality of raised partitions which extend from said second surface of said first plate and said second surface of said second plate, said~~ and the chamber ~~having~~ has a first port and a second port, ~~wherein a plurality of~~ with channels ~~are~~ formed by ~~said the~~ partition ~~and are in fluid communication with the first port and second port. The present invention also provides~~ There is also a method of using the irradiation chamber in the treatment of cells.